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## ***HIV/AIDS***

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***Definition: Respondents ages 18-64 that did not report having been tested for HIV.***

### **Prevalence of Never Been Tested for HIV**

- South Dakota 71.4%
- There is no nationwide median for never been tested for HIV

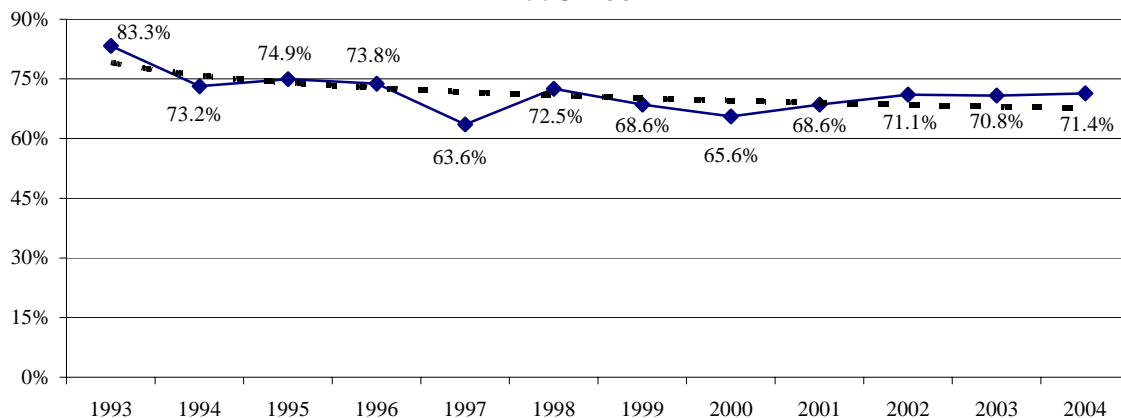
### **Healthy People 2010 Objective**

*There was no stated Healthy People 2010 Objective for never been tested for HIV.*

### **Trend Analysis**

Overall since this question was first asked in 1993 the percent of respondents who have never been tested for HIV has been decreasing. However, since 2001 the percent of respondents who have never been tested for HIV has been holding steady.

**Figure 60**  
**Percent of Respondents, Ages 18-64, Who Have Never Been Tested for HIV, 1993-2004**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1993-2004

### **Demographics**

**Gender** There are no significant gender differences in regard to having ever been tested for HIV. However, it should be noted that males in the 18-24 age group exhibit a significantly higher prevalence of no HIV test than females of the same age. Furthermore, males in the central region also show a significantly higher prevalence of no HIV test than females in that region.

**Age** The prevalence of those not ever having an HIV test varies greatly by age. Those in the 25-34 age group demonstrate the lowest prevalence of no HIV test and this prevalence is significantly lower than those in the 18-24 age group. However, each age group after 25-34 exhibits a significant increase in the prevalence of those who have never had an HIV test.

**Race** Whites exhibit a significantly higher prevalence of no HIV test than do American Indians.

<b>Region</b>	The northeast and central regions demonstrate a very high prevalence of no HIV test, while the west and American Indian counties regions show a very low prevalence.
<b>Household Income</b>	The prevalence of no HIV test does not seem to follow any sort of a pattern as household income increases.
<b>Education</b>	The prevalence of no HIV test generally decreases as education increases. This includes a significant decrease when the some post-high school level is reached.
<b>Employment Status</b>	Those who are employed for wages, self-employed, a student, or retired demonstrate a significantly higher prevalence of no HIV test than those in the other employment status groups.
<b>Marital Status</b>	Those who are married or widowed exhibit a very high prevalence of no HIV test, while those who are divorced or separated show a very low prevalence.

<b>Table 102</b> <b>Respondents, Ages 18-64, Who Have Never Been Tested for HIV, 2004</b>									
	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>Total</b>	<b>4,249</b>	<b>71.4</b>	<b>(69.7-73.1)</b>	<b>1,811</b>	<b>72.2</b>	<b>(69.6-74.7)</b>	<b>2,438</b>	<b>70.6</b>	<b>(68.3-72.9)</b>
<b>Age</b>									
18-24	321	73.2	(67.4-78.4)	140	81.4	(72.9-87.7)	181	64.9	(56.4-72.4)
25-34	763	55.0	(50.9-59.1)	323	56.4	(50.1-62.5)	440	53.6	(48.3-58.8)
35-44	995	66.3	(62.8-69.6)	417	64.6	(59.3-69.7)	578	67.9	(63.4-72.2)
45-54	1,233	79.7	(76.9-82.2)	541	79.1	(74.9-82.8)	692	80.3	(76.5-83.5)
55-64	937	85.6	(82.8-88.0)	390	83.6	(79.0-87.4)	547	87.4	(84.0-90.2)
65-74	-	-	-	-	-	-	-	-	-
75+	-	-	-	-	-	-	-	-	-
<b>Race</b>									
White	3,746	73.2	(71.3-74.9)	1,610	73.5	(70.8-76.0)	2,136	72.8	(70.4-75.1)
American Indian	351	52.2	(44.8-59.5)	137	58.0	(46.8-68.4)	214	47.5	(37.6-57.6)
<b>Region</b>									
Southeast	1,077	72.4	(69.2-75.4)	460	72.5	(67.7-76.8)	617	72.3	(67.9-76.3)
Northeast	925	77.0	(73.6-80.1)	400	76.8	(71.4-81.5)	525	77.2	(72.9-81.0)
Central	749	80.1	(76.6-83.1)	307	84.9	(80.1-88.8)	442	75.4	(70.3-79.8)
West	1,019	61.5	(57.9-65.1)	441	61.6	(56.0-66.8)	578	61.5	(56.6-66.1)
American Indian Counties	479	66.1	(60.3-71.4)	203	72.7	(64.6-79.6)	276	59.5	(51.3-67.1)
<b>Household Income</b>									
Less than \$10,000	172	69.9	(60.5-77.8)	*	*	*	*	*	*
\$10,000-\$14,999	156	62.2	(52.4-71.0)	*	*	*	*	*	*
\$15,000-\$19,999	270	67.9	(59.0-75.7)	109	69.3	(54.9-80.8)	161	66.5	(55.0-76.3)
\$20,000-\$24,999	391	66.4	(59.7-72.4)	151	67.5	(57.1-76.5)	240	65.2	(56.6-72.9)
\$25,000-\$34,999	695	70.9	(66.2-75.3)	308	70.3	(63.1-76.7)	387	71.7	(65.6-77.1)
\$35,000-\$49,999	834	73.5	(69.9-76.9)	364	76.3	(70.7-81.0)	470	70.7	(65.8-75.2)
\$50,000-\$74,999	806	72.4	(68.6-75.9)	341	71.0	(65.3-76.2)	465	73.6	(68.5-78.2)
\$75,000+	635	70.4	(66.1-74.4)	324	71.2	(65.3-76.5)	311	69.2	(62.9-74.9)
<b>Education</b>									
8th Grade or Less	*	*	*	*	*	*	*	*	*
Some High School	167	77.0	(68.5-83.7)	*	*	*	*	*	*
High School or G.E.D.	1,271	75.1	(71.8-78.2)	586	75.5	(70.7-79.8)	685	74.6	(69.9-78.8)
Some Post-High School	1,321	68.7	(65.6-71.7)	529	67.5	(62.4-72.2)	792	69.8	(65.8-73.6)
College Graduate	1,437	69.4	(66.4-72.2)	579	70.7	(66.2-74.9)	858	68.2	(64.2-71.9)

<b>Table 102 (continued)</b> <b>Respondents, Ages 18-64, Who Have Never Been Tested for HIV, 2004</b>									
	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>Employment Status</b>									
Employed for Wages	2,793	70.9	(68.8-73.0)	1,142	69.8	(66.5-72.9)	1,651	72.1	(69.3-74.7)
Self-employed	650	76.1	(71.8-79.9)	413	77.4	(72.0-82.0)	237	73.5	(66.2-79.7)
Unemployed	133	52.9	(41.3-64.2)	*	*	*	*	*	*
Homemaker	221	63.6	(55.8-70.7)	*	*	*	*	*	*
Student	125	81.7	(72.3-88.4)	*	*	*	*	*	*
Retired	168	80.0	(72.4-85.9)	*	*	*	*	*	*
Unable to Work	158	62.2	(52.9-70.6)	*	*	*	*	*	*
<b>Marital Status</b>									
Married/Unmarried Couple	2,764	72.2	(70.2-74.1)	1,129	73.0	(69.9-75.9)	1,635	71.5	(68.8-74.0)
Divorced/Separated	665	63.4	(58.8-67.8)	281	61.3	(54.3-67.8)	384	65.2	(59.0-70.9)
Widowed	150	79.9	(70.6-86.8)	*	*	*	*	*	*
Never Married	663	72.1	(67.2-76.6)	368	74.1	(67.6-79.6)	295	69.1	(61.0-76.2)

Note: \*Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

### **Further Analysis**

Following are data illustrating the percent of those who have never been tested for HIV for various health behaviors and conditions. For example, 64.4 percent of respondents who stated they did not have health insurance have never been tested for HIV, while 72.1 percent of respondents who stated they do have health insurance have never been tested for HIV.

<b>Table 103</b> <b>Never Been Tested for HIV for Selected Health Behaviors and Conditions, 2004</b>			
Health Behavior or Condition	# Respondents	% Never Been Tested for HIV	95% CI
Fair or Poor Health Status	469	66.7	61.1-71.8
Excellent, Very Good, or Good Health Status	3,772	71.9	70.0-73.6
Physical Health Not Good for 30 Days of the Past 30	188	59.8	50.4-68.6
Physical Health Not Good for 0-29 Days of the Past 30	4,039	71.7	70.0-73.5
Mental Health Not Good for 20-30 Days of the Past 30	262	60.7	53.1-67.8
Mental Health Not Good for 0-19 Days of the Past 30	3,948	72.0	70.2-73.7
Usual Activities Unattainable for 10-30 Days of the Past 30	237	65.4	58.0-72.2
Usual Activities Unattainable for 0-9 Days of the Past 30	4,002	71.8	70.0-73.5
Obese (BMI = 30.0+)	1,125	72.9	69.6-76.0
Overweight (BMI = 25.0-29.9)	1,527	70.4	67.5-73.2
Recommended Weight (BMI = 18.5-24.9)	1,415	70.8	67.7-73.8
No Leisure Time Physical Activity	779	72.9	68.7-76.7
Leisure Time Physical Activity	3,469	71.1	69.2-73.0
Current Smoker	1,021	62.5	58.5-66.3
Former Smoker	972	70.0	66.4-73.3
Never Smoked	2,252	75.7	73.4-77.8
Drank Alcohol in Past 30 Days	2,584	72.3	70.1-74.4
No Alcohol in Past 30 Days	1,639	69.7	66.8-72.4
Binge Drinker	739	67.9	63.5-72.1
Not a Binge Drinker	3,472	72.2	70.3-74.0
Heavy Drinker	170	72.2	62.9-80.0
Not a Heavy Drinker	4,025	71.2	69.4-72.9
No Mammogram within Past Two Years (40+)	411	78.3	73.1-82.8
Mammogram within Past Two Years (40+)	1,140	81.9	79.1-84.3

**Table 103 (continued)**  
**Never Been Tested for HIV for Selected Health Behaviors and Conditions, 2004**

<b>Health Behavior or Condition</b>	<b># Respondents</b>	<b>% Never Been Tested for HIV</b>	<b>95% CI</b>
No Clinical Breast Exam within Past Two Years	402	75.5	69.8-80.4
Clinical Breast Exam within Past Two Years	2,029	69.8	67.2-72.2
Insufficient Cervical Cancer Screening	211	82.4	75.5-87.8
Sufficient Cervical Cancer Screening	1,775	67.9	65.1-70.5
No PSA Test within Past Two Years (40+)	626	80.5	76.6-83.9
PSA Test within Past Two Years (40+)	499	73.6	68.8-77.9
No Digital Rectal Exam within Past Two Years (40+)	611	78.9	74.8-82.5
Digital Rectal Exam within Past Two Years (40+)	545	75.7	71.3-79.6
No Blood Stool Test within Past Two Years (50+)	1,216	84.3	81.8-86.6
Blood Stool Test within Past Two Years (50+)	374	82.6	77.8-86.6
Never Had Sigmoidoscopy or Colonoscopy (50+)	932	85.9	83.1-88.3
Ever Had Sigmoidoscopy or Colonoscopy (50+)	659	81.0	77.4-84.2
Haven't Been to the Dentist in the Past 12 Months	1,145	71.5	68.1-74.8
Been to the Dentist in the Past 12 Months	3,102	71.4	69.3-73.3
Not Taking any Precautions Against West Nile Virus	1,187	73.5	70.0-76.7
Taking Precautions Against West Nile Virus	3,008	70.7	68.6-72.7
No Health Insurance (18-64)	361	64.4	57.1-71.1
Health Insurance (18-64)	3,832	72.1	70.3-73.8
Employer Based Health Insurance Coverage (18-64)	2,635	74.9	72.9-76.9
Private Health Insurance Plan (18-64)	522	78.4	73.6-82.6
Medicare (18-64)	115	70.9	60.8-79.2
Medicaid or Medical Assistance (18-64)	106	50.1	38.1-62.2
The Military, CHAMPUS, TriCare, or the VA (18-64)	176	42.4	33.9-51.4
The Indian Health Service (18-64)	230	48.9	40.0-57.9
No Flu Shot (65+)	-	-	-
Flu Shot (65+)	-	-	-
No Pneumonia Shot (65+)	-	-	-
Pneumonia Shot (65+)	-	-	-
Diabetes	243	67.6	59.8-74.5
No Diabetes	4,004	71.6	69.8-73.4
Current Asthma	294	64.1	56.1-71.3
Former Asthma	139	58.0	46.6-68.7
Never Had Asthma	3,795	72.5	70.7-74.2
Previously Had a Heart Attack	111	65.0	54.2-74.5
Never Had a Heart Attack	4,102	71.7	69.9-73.4
Have Angina or Coronary Heart Disease	122	65.5	54.9-74.7
Do not Have Angina or Coronary Heart Disease	4,079	71.7	69.9-73.4
Previously Had a Stroke	*	*	*
Never Had a Stroke	4,151	71.5	69.8-73.2
Physical, Mental, or Emotional Disability	689	67.2	62.4-71.7
No Physical, Mental, or Emotional Disability	3,556	72.1	70.2-73.9
Disability with Special Equipment Needed	155	64.0	54.1-72.8
No Disability with Special Equipment Needed	4,093	71.6	69.9-73.4
Four or More Hours of TV Watched per Day	766	68.4	64.1-72.4
Less Than Four Hours of TV Watched per Day	3,418	72.0	70.0-73.8
Sick from Poor Indoor Air Quality in Past Year	832	66.5	62.3-70.5
Not Sick from Poor Indoor Air Quality in Past Year	3,386	72.6	70.7-74.5
Sick from Outdoor Air Pollution in Past Year	311	63.5	56.6-69.9
Not Sick from Outdoor Air Pollution in Past Year	3,917	72.0	70.2-73.8
Firearm in Household	2,539	75.1	73.0-77.1
No Firearms in Household	1,628	66.0	62.9-68.9

<b>Table 103 (continued)</b> <b>Never Been Tested for HIV for Selected Health Behaviors and Conditions, 2004</b>			
<b>Health Behavior or Condition</b>	<b># Respondents</b>	<b>% Never Been Tested for HIV</b>	<b>95% CI</b>
Loaded and Unlocked Firearm in Household	219	73.0	65.0-79.8
No Loaded and Unlocked Firearms in Household	3,917	71.5	69.7-73.2
No Birth Control (females 18-44 & males 18-59)	316	71.7	65.6-77.1
Birth Control (females 18-44 & males 18-59)	1,644	68.1	65.4-70.8
Sunburn in Past 12 Months	1,944	71.1	68.6-73.5
No Sunburn in Past 12 Months	2,298	71.7	69.3-74.1
Military Veteran	548	51.0	46.0-55.9
Not a Military Veteran	3,700	74.5	72.7-76.3

Note: \*Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004